

CLAIMS

5        1. A walk-in freezer door and doorframe system comprising a doorjamb having sheets of metal covering a body of thermal insulation, a door mounted to said doorjamb, a deadbolt housing mounted to the outside of said doorjamb, a deadbolt mounted for reciprocal movement within said housing between a door locked and a door unlocked position, a handle rotatably positioned inside of said doorjamb from which a shaft extends into said deadbolt housing and into operative association with said deadbolt and with a longitudinal portion of said handle shaft being made of a low thermal conductive plastic; and a keeper mounted to said door in a position to receive said deadbolt with the door located within said doorjamb.

20        2. The walk-in freezer door and doorframe of claim 1 further comprising a mounting plate with at least one counterbored mounting hole to which said handle shaft rotatably extends, said mounting plate being mounted flush to the inside of said doorjamb by at least one metallic mounting bolt having a head mounted in said mounting plate counterbored mounting hole, and a cap made of a low thermally conductive plastic mounted in said mounting plate counterbored hole covering said mounting bolt head.

3. The walk-in system of claim 1 wherein said handle shaft includes a second longitudinal portion made of metal that is joined to said shaft first portion within said doorjamb body of thermal insulation.

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4. A lock for a walk-in freezer door comprising:

10 a deadbolt assembly comprising a housing adapted to be mounted on a cooler doorjamb, a bolt mounted for reciprocal movement within said housing between a door locked and a door unlocked position, means manually accessible from inside the cooler for moving said bolt and which includes a rotatable shaft a longitudinal portion of which is made of a low thermal conductivity material, and

15 a keeper adapted to be mounted on a door in a position to receive said bolt with the door when located in a closed position.

20 5. The lock of claim 4 further comprising at least one metallic mounting bolt having a head for mounting said deadbolt assembly to said cooler doorjamb, and a cap made of a low thermal conductivity material for covering and thermally insulating said mounting bolt head.

25 6. The lock of claim 4 further comprising means manually accessible from outside the cooler for moving said deadbolt.

30 7. The lock of claim 4 wherein said bolt moving means rotatable shaft has a second longitudinal portion made of metal.

8. The lock of claim 4 wherein bolt moving means includes a handle mounted on an end of said shaft longitudinal portion.

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